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Wu et al.

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[54] POLY (ARYLAMINES) AND FILMS THEREOF

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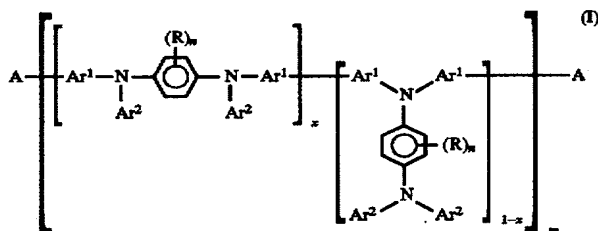
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[57] ABSTRACT

A poly(arylamine) composition comprising one or more compounds of Formula (I):



wherein:

R is independently in each occurrence a C₁₋₂₄ hydrocarbyl, C₁₋₂₄ hydrocarboxy, C₁₋₂₄ hydrocarbylthiooxy, or C₁₋₂₄ hydrocarbylcarboxyl;Ar¹ and Ar² are independently in each occurrence a C₆₋₁₈ aryl moiety optionally substituted with a C₁₋₁₂ hydrocarbyl, C₁₋₁₂ hydrocarboxy, C₁₋₁₂ hydrocarbylthiooxy, or C₁₋₁₂ hydrocarbylcarboxyl;

A is independently in each occurrence hydrogen or a halogen;

x is independently in each occurrence a positive number from 0 to 1;

n is independently in each occurrence a whole number of from 0 to 4; and

m is a number of from about 5 to about 1000.

17 Claims, No Drawings